

Please substitute the following paragraph on page 5, beginning at line 2:

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The subject invention concerns the use of a plant virus gene to transform a plant or plant tissue to confer resistance in the plant or plant tissue to infection from a plant virus. The methods of the subject invention can be used to confer resistance in a plant to infection by a plant pathogen such as, for example, a geminivirus. The method comprises transforming a plant with a polynucleotide such that when the polynucleotide is expressed in the plant the plant then exhibits resistance to infection by plant viruses. In one embodiment of the invention, a plant is transformed by wounding and agroinfection with an *Agrobacterium* containing a polynucleotide of the invention that is transferred to the plant upon agroinfection of the plant. Preferably, the polynucleotide used in the methods of the invention encodes a plant virus Rep protein or a mutant Rep protein, or a fragment or variant thereof. In an exemplified embodiment, the polynucleotide encodes a Rep protein of tomato mottle geminivirus (ToMoV) (SEQ ID NO. 2). The nucleotide sequence of a ToMoV (component A) virus is disclosed in Genbank having accession number L14460. Abouzid *et al.* (1992) disclose the nucleotide sequence of the ToMoV Rep gene (referred to therein as AL1 and corresponding to nucleotides 1523 to 7 of the sequence shown in Figure 1 of Abouzid *et al.* (1992) (SEQ ID NO. 1)). In another embodiment, the polynucleotide encodes a tomato yellow leaf curl virus (TYLCV-Is) Rep protein. The nucleotide sequences of several TYLCV-Is viral isolates are disclosed in Genbank, including isolates from Israel (accession number X15656), Cuba (accession number AJ223505), Dominican Republic (accession number AF024715), Egypt (accession number L12219), Jamaica (accession number U84146), Lebanon (accession number AF160875), Mexico (accession number AF168709) and Spain (accession number AJ223505).

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After page 21: Please insert as new pages 1-3 the attached Sequence Listing.

In the Claims

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Please cancel claims 1, 3-13, and 15-21, without prejudice.